

Compact, easy to use, and cost-effective single tube fluorometer for heated DNA Isothermal applications.

# **ISOTHERMAL™**

Heated DNA Fluorometer



Product: ISOTHERMAL Fluorometer Development Tool  
Product Series: Fluorometers  
Sample Format: 12 x 75 mm tubes, 0.5 ml microcentrifuge tube  
Technologies: Fluorescence

## ISOTHERMAL Fluorometer Development Tool

The Isothermal fluorometer prototype is a single tube fluorometer designed to take fluorescence measurements at a constant temperature. With a two channel optical design, this fluorometer is capable of measuring two different fluorophores in the same sample. A temperature toggle switch allows you to switch between two different temperature set points that are factory set for your specific application. The Isothermal Fluorometer operates from a PC based software through a USB connector. Data is generated in .CSV format which is easily recognizable by MS Excel™.

### Sample Compartment

The sample compartment accepts 12 x 75 mm tubes or 0.5 ml microcentrifuge tubes.

### Two Channel Optical Design

Measure two different fluorophores in the same tube.

### Two Temperature Settings

Toggle between two different temperature set points

### Universal Power

The ISOTHERMAL Fluorometer is powered using a universal power adapter (included).



### Fluorescence Applications



Customize by choosing two of these three channels:

#### UV Channel

- Ex 365 nm
- Em 440 - 470 nm

#### Blue Channel

- Ex 460 nm
- Em 515 - 575 nm

#### Green Channel

- Ex 525 nm
- Em >570 nm

### Simple

The ISOTHERMAL Fluorometer Development Tool is designed for fast, accurate fluorescence measurements. It is so easy to use that you can have results within minutes without training.

### Small and Sensibly Priced

The ISOTHERMAL Fluorometer is smaller than a standard sized book, saving you valuable bench space. It is sensibly priced to meet your need for accurate fluorescence measurements within a limited budget.